

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/511,669
Source: P4/10
Date Processed by STIC: 10/27/04

ENTERED



PCT

RAW SEQUENCE LISTING

DATE: 10/27/2004

PATENT APPLICATION: US/10/511,669

TIME: 15:36:13

Input Set : D:\MONS017US.APP.txt

Output Set: N:\CRF4\10272004\J511669.raw

3 <110> APPLICANT: BRINGE, NEAL A.
 4 KARUNANANDAA, KANTHASAMY
 6 <120> TITLE OF INVENTION: OIL BODY ASSOCIATED PROTEIN COMPOSITIONS AND METHODS
 7 OF USE THEREOF FOR REDUCING THE RISK OF CARDIOVASCULAR DISEASE
 9 <130> FILE REFERENCE: MONS:017US
 C--> 11 <140> **CURRENT APPLICATION NUMBER: US/10/511,669**
 12 <141> CURRENT FILING DATE: 2004-10-18
 14 <150> PRIOR APPLICATION NUMBER: PCT/US03/12009
 15 <151> PRIOR FILING DATE: 2003-04-17
 17 <150> PRIOR APPLICATION NUMBER: 60/373,460
 18 <151> PRIOR FILING DATE: 2002-04-18
 20 <160> NUMBER OF SEQ ID NOS: 18
 22 <170> SOFTWARE: PatentIn Ver. 2.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 35
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Artificial Sequence
 29 <220> FEATURE:
 30 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 31 Peptide
 33 <400> SEQUENCE: 1
 34 Val Phe Asp Gly Glu Leu Gln Glu Gly Arg Val Leu Ile Val Pro Gln
 35 1 5 10 15
 37 Asn Phe Val Val Ala Ala Arg Ser Gln Ser Asp Asn Phe Glu Tyr Val
 38 20 25 30
 40 Ser Phe Lys
 41 35
 44 <210> SEQ ID NO: 2
 45 <211> LENGTH: 21
 46 <212> TYPE: PRT
 47 <213> ORGANISM: Artificial Sequence
 49 <220> FEATURE:
 50 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 51 Peptide
 53 <400> SEQUENCE: 2
 54 Leu Arg Met Ile Thr Leu Ala Ile Pro Val Asn Lys Pro Gly Arg Phe
 55 1 5 10 15
 57 Glu Ser Phe Phe Leu
 58 20
 61 <210> SEQ ID NO: 3
 62 <211> LENGTH: 25
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING

DATE: 10/27/2004

PATENT APPLICATION: US/10/511,669

TIME: 15:36:13

Input Set : D:\MONS017US.APP.txt

Output Set: N:\CRF4\10272004\J511669.raw

```

66 <220> FEATURE:
67 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
68     Peptide
70 <400> SEQUENCE: 3
71 Ile Phe Val Ile Pro Ala Gly Tyr Pro Val Val Val Asn Ala Thr Ser
72   1           5           10           15
74 His Leu Asn Phe Phe Ala Ile Gly Ile
75           20           25
78 <210> SEQ ID NO: 4
79 <211> LENGTH: 12
80 <212> TYPE: PRT
81 <213> ORGANISM: Artificial Sequence
83 <220> FEATURE:
84 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
85     Peptide
87 <400> SEQUENCE: 4
88 Leu Gln Glu Ser Val Ile Val Glu Ile Ser Lys Lys
89   1           5           10
92 <210> SEQ ID NO: 5
93 <211> LENGTH: 12
94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
99     Peptide
101 <400> SEQUENCE: 5
102 Gln Gln Gln Glu Glu Gln Pro Leu Glu Val Arg Lys
103   1           5           10
106 <210> SEQ ID NO: 6
107 <211> LENGTH: 7
108 <212> TYPE: PRT
109 <213> ORGANISM: Artificial Sequence
111 <220> FEATURE:
112 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
113     Peptide
115 <400> SEQUENCE: 6
116 Asn Gln Tyr Gly His Val Arg
117   1           5
120 <210> SEQ ID NO: 7
121 <211> LENGTH: 19
122 <212> TYPE: PRT
123 <213> ORGANISM: Artificial Sequence
125 <220> FEATURE:
126 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
127     Peptide
129 <400> SEQUENCE: 7
130 Ala Ile Val Ile Leu Val Ile Asn Glu Gly Asp Ala Asn Ile Glu Leu
131   1           5           10           15
133 Val Gly Leu

```

RAW SEQUENCE LISTING

DATE: 10/27/2004

PATENT APPLICATION: US/10/511,669

TIME: 15:36:13

Input Set : D:\MONS017US.APP.txt

Output Set: N:\CRF4\10272004\J511669.raw

```

137 <210> SEQ ID NO: 8
138 <211> LENGTH: 16
139 <212> TYPE: PRT
140 <213> ORGANISM: Artificial Sequence
142 <220> FEATURE:
143 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
144     Peptide
146 <400> SEQUENCE: 8
147 Asn Ile Leu Glu Ala Ser Tyr Asp Thr Lys Phe Glu Glu Ile Asn Lys
148   1             5             10             15
151 <210> SEQ ID NO: 9
152 <211> LENGTH: 16
153 <212> TYPE: PRT
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
158     Peptide
160 <400> SEQUENCE: 9
161 Val Lys Phe Ile Thr Ala Ala Thr Ile Gly Ile Thr Leu Leu Leu Leu
162   1             5             10             15
165 <210> SEQ ID NO: 10
166 <211> LENGTH: 13
167 <212> TYPE: PRT
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
172     Peptide
174 <400> SEQUENCE: 10
175 Tyr Glu Thr Asn Ser Ser Leu Asn Asn Pro Pro Ser Arg
176   1             5             10
179 <210> SEQ ID NO: 11
180 <211> LENGTH: 25
181 <212> TYPE: PRT
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
186     Peptide
188 <400> SEQUENCE: 11
189 Ile Phe Val Ile Pro Ala Gly Tyr Pro Val Val Val Asn Ala Thr Ser
190   1             5             10             15
192 Asp Leu Asn Phe Phe Ala Phe Gly Ile
193       20             25
196 <210> SEQ ID NO: 12
197 <211> LENGTH: 226
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
203     Peptide

```

RAW SEQUENCE LISTING

DATE: 10/27/2004

PATENT APPLICATION: US/10/511,669

TIME: 15:36:13

Input Set : D:\MONS017US.APP.txt

Output Set: N:\CRF4\10272004\J511669.raw

205 <400> SEQUENCE: 12

```

206 Met Thr Thr Gln Val Pro Pro His Ser Val Gln Val His Thr Thr Thr
207   1           5           10           15
209 Thr His Arg Tyr Glu Ala Gly Val Val Pro Pro Gly Ala Arg Phe Glu
210           20           25           30
212 Thr Ser Tyr Glu Ala Gly Val Lys Ala Ala Ser Ile Tyr His Ser Glu
213           35           40           45
215 Arg Gly Pro Thr Thr Ser Gln Val Leu Ala Val Leu Ala Gly Leu Pro
216           50           55           60
218 Val Gly Gly Ile Leu Leu Leu Leu Ala Gly Leu Thr Leu Ala Gly Thr
219   65           70           75           80
221 Leu Thr Gly Leu Ala Val Ala Thr Pro Leu Phe Val Leu Phe Ser Pro
222           85           90           95
224 Val Leu Val Pro Ala Thr Val Ala Ile Gly Leu Ala Val Ala Gly Phe
225           100          105          110
227 Leu Thr Ser Gly Ala Phe Gly Leu Thr Ala Leu Ser Ser Phe Ser Trp
228           115          120          125
230 Ile Leu Asn Tyr Ile Arg Glu Thr Gln Pro Ala Ser Glu Asn Leu Ala
231           130          135          140
233 Ala Ala Ala Lys His His Leu Ala Glu Ala Ala Glu Tyr Val Gly Gln
234  145          150          155          160
236 Lys Thr Lys Glu Val Gly Gln Lys Thr Lys Glu Val Gly Gln Asp Ile
237           165          170          175
239 Gln Ser Lys Ala Gln Asp Thr Arg Glu Ala Ala Ala Arg Asp Ala Arg
240           180          185          190
242 Glu Ala Ala Ala Arg Asp Ala Arg Glu Ala Ala Ala Arg Asp Ala Lys
243           195          200          205
245 Val Glu Ala Arg Asp Val Lys Arg Thr Thr Val Thr Ala Thr Thr Ala
246   210          215          220
248 Thr Ala
249 225

```

252 <210> SEQ ID NO: 13

253 <211> LENGTH: 223

254 <212> TYPE: PRT

255 <213> ORGANISM: Artificial Sequence

257 <220> FEATURE:

258 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 259 Peptide

261 <400> SEQUENCE: 13

```

262 Met Thr Thr Val Pro Pro His Ser Val Gln Val His Thr Thr Thr His
263   1           5           10           15
265 Arg Tyr Glu Ala Gly Val Val Pro Pro Ala Arg Phe Glu Ala Pro Arg
266           20           25           30
268 Tyr Glu Ala Gly Ile Lys Ala Pro Ser Ser Ile Tyr His Ser Glu Arg
269           35           40           45
271 Gly Pro Thr Thr Ser Gln Val Leu Ala Val Val Ala Gly Leu Pro Val
272           50           55           60
274 Gly Gly Ile Leu Leu Leu Leu Ala Gly Leu Thr Leu Ala Gly Thr Leu
275   65           70           75           80

```

RAW SEQUENCE LISTING

DATE: 10/27/2004

PATENT APPLICATION: US/10/511,669

TIME: 15:36:13

Input Set : D:\MONS017US.APP.txt

Output Set: N:\CRF4\10272004\J511669.raw

```

277 Thr Gly Leu Val Val Ala Thr Pro Leu Phe Ile Ile Phe Ser Pro Val
278                               85                               90                               95
280 Leu Ile Pro Ala Thr Val Ala Ile Gly Leu Ala Val Ala Gly Phe Leu
281                               100                               105                               110
283 Thr Ser Gly Val Phe Gly Leu Thr Ala Leu Ser Ser Phe Ser Trp Ile
284                               115                               120                               125
286 Leu Asn Tyr Ile Arg Glu Thr Gln Pro Ala Ser Glu Asn Leu Ala Ala
287                               130                               135                               140
289 Ala Ala Lys His His Leu Ala Glu Ala Ala Glu Tyr Val Gly Gln Lys
290 145                               150                               155                               160
292 Thr Lys Glu Val Gly Gln Lys Thr Lys Glu Val Gly Gln Asp Ile Gln
293                               165                               170                               175
295 Ser Lys Ala Gln Asp Thr Arg Glu Ala Ala Ala Arg Asp Ala Arg Asp
296                               180                               185                               190
298 Ala Arg Glu Ala Ala Ala Arg Asp Ala Arg Asp Ala Lys Val Glu Ala
299                               195                               200                               205
301 Arg Asp Val Lys Arg Thr Thr Val Thr Ala Thr Thr Ala Thr Ala
302 210                               215                               220
305 <210> SEQ ID NO: 14
306 <211> LENGTH: 175
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
312 Peptide
314 <400> SEQUENCE: 14
315 Met Ala Asp Arg Asp Arg Ser Gly Ile Tyr Gly Gly Gly Ala Tyr Gly
316 1                               5                               10                               15
318 Gln Gln Gln Gly Arg Pro Pro Met Gly Glu Gln Val Lys Gly Met Ile
319                               20                               25                               30
321 His Asp Lys Gly Pro Thr Ala Ser Gln Ala Leu Thr Val Ala Thr Leu
322                               35                               40                               45
324 Phe Pro Leu Gly Gly Leu Leu Leu Val Leu Ser Gly Leu Ala Leu Ala
325 50                               55                               60
327 Ala Ser Thr Val Gly Leu Ala Val Ala Thr Pro Val Phe Leu Leu Phe
328 65                               70                               75                               80
330 Ser Pro Val Leu Val Pro Ala Ala Leu Leu Ile Gly Thr Ala Val Ala
331                               85                               90                               95
333 Gly Phe Leu Thr Ser Gly Ala Leu Gly Leu Gly Gly Leu Ser Ser Leu
334                               100                               105                               110
336 Thr Cys Leu Ala Asn Thr Ala Arg Gln Ala Phe Gln Arg Thr Pro Asp
337 115                               120                               125
339 Tyr Val Glu Glu Ala Arg Arg Arg Met Ala Glu Ala Ala Ala His Ala
340 130                               135                               140
342 Gly His Lys Thr Ala Gln Ala Gly His Gly Ile Gln Ser Lys Ala Gln
343 145                               150                               155                               160
345 Glu Ala Gly Ala Gly Thr Gly Ala Gly Gly Gly Arg Thr Ser Ser
346 165                               170                               175
349 <210> SEQ ID NO: 15

```

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/511,669

DATE: 10/27/2004

TIME: 15:36:14

Input Set : D:\MONS017US.APP.txt

Output Set: N:\CRF4\10272004\J511669.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number